

# Laser for UAV and Bathymetry

**NORTHROP GRUMMAN**

*Space Technology*

Cutting Edge Optronics

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## VENDOR DESCRIPTION

Short pulsed (5 or 6 nanoseconds) 400 Hz laser/ 532 nm laser which can be operated continuously and there is no active cooling. Waste heat is conducted to the base of the unit. For the laser to operate correctly, the base must be maintained at between -2°C and 35°C.

These short pulses are ideal for laser radar and bathymetry.



### Product Manager Robotic & Unmanned Sensors

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Business Category: Large Business

Misc

## Hardware

Power: 3W @ 532 nm

Operating Temp.: -2°C to +35°C, water temp.

Weight: <10 lb.

Storage Temp.: -40°C to +66°C

Dimensions: Laser head: 10.3 x 3 x 2.28 in. plus 2 boards

Internal Volume: 0.78 ft<sup>3</sup>

Maintainability: BIT